

1908 no. 1.

New Mexico
Arizona

Vernon Bailey

Washington, D.C.

1908

July 11, Washington to Norfolk, Va.
July 12, Norfolk to Va. Beach

<i>Liquidambar</i>	abn.
<i>Nyssa</i>	"
<i>Prinus taeda</i>	"
"	
" <i>virginiana</i> , a few near Norfolk	
<i>Juniperus virginiana</i>	com
"	
<i>Quercus virginiana</i> , com	
" <i>phellos</i> ?	com
" <i>paleata</i> ?	
"	
"	
<i>Hicoria</i>	com
"	
<i>Ariva trilobata</i>	"
<i>Morus rubra</i>	"
<i>Nyssa coryifolia</i> ?	abn.
<i>Baccharis halimifolia</i>	"
<i>Rhus copallina</i>	"
<i>Passiflora incarnata</i>	"
<i>Aralia spinosa</i>	abn.
<i>Smilax</i>	"
<i>Campsis</i>	"
<i>Vitis labrusca</i>	com
" <i>imperialis</i>	abn.
<i>Sambucus</i>	
<i>Rubus</i>	2

Platanus a few
Nyssa sylvatica "
Prunus black "
Sassafras " "
Acer a few
Taxodium a few abn. crs.
just east of Lyndon
Gramineae - small,
Fagus a few near Norfolk
Pteris candata abn. H. P. abn.
Hedysarum occidentale?

Taxodium 1 big tree in
edge of Norfolk.
Fag - com, full fruit,

Norfolk July 12
to Virginia Beach
Mimosa com.
Krabbe atella "
Cathartes aura "
Zenaidura a few
Ardea herodias 2
- " caerulea 4
Butorides vires 11
Colinus virginianus com
Sturnella "
Agelaius? a few
Cardinalis com
Pooecetes aestivalis, heard
Geothlypis "

July 25 left Washington 5.30

300

Harper's Ferry
dark

July 26 Zanesville, O.

Newark

Chicago 5 P.M.

" left 8 "

July 27
Kansas City 9 A.M.

Emporia

Netiunus luteum 2 mi. E.

Syphium laevigatum abn

Zizaniopsis

Rudbeckia

Flowers

Euphorbia marginata abn

Lepus macrourus a few

Belize

Crotonus a few forest
holy way to Lewis.

Lepus macrourus, com

Lewis

Dodge City

Spart grass plains

Acacia, abn. on flats.

Yucca glauca, com
Mentzelia

Artemesia filifolia? "

Cynorhiza "

Lepus melanopus "

Dark

July 28

Las Vegas 6:30

dry

Twenty

Sarcobatus

abn

Otisibella caucasica "

Oxybaphus pallidus "

" green "

Zoestis

com.

Antirrhinum

abn

Bistorta carnea

"

Fallugia paradoxa

Brenta Sonnigo

Albuquerque

Albuquerque

<i>Populus</i>	abu	
<i>Salix nigra</i> ?	"	
..	wid leaf	
<i>Sarcobatus</i>	"	
<i>Atriplex canescens</i>	"	
<i>Spiraea</i>	big	
<i>Paeonia</i>	"	
<i>Chrysanthemum</i>	big	"
<i>Amelanchier</i>	"	afew
<i>Oxybaphus</i>	"	ca.
<i>Bigelowia</i>	grn, lobes	"
<i>Gutierrezia</i>	"	abu
<i>Balla canescens</i> ?	annual	"
<i>Emorya daghestanica</i>	"	"
<i>Yucca glauca</i>	"	"
<i>Opuntia clavata</i> ?	"	"
<i>Chrysuna grandiflora</i>	a few	
<i>Croton texensis</i>	abu	
<i>Clitoria</i>	big	
<i>Helianthus annuus</i>	"	
<i>Heliastropus</i>	"	
<i>Isoloma</i>	yellow	"
"	blue	"
<i>Amemopsis</i>		
<i>Salt grass</i>		
<i>Xanthium</i>		

Victorville

<i>Nigundo</i>	ca
<i>Morus rubra</i>	"
<i>Catalpa</i>	"
<i>Tamarisk</i>	abu.
<i>Peckia eriocaule</i> a few	
<i>Ailanthus</i>	ca

Birds

<i>Zenaidura</i>	599	1st
<i>Poospes domesticus</i> P.d.		abu
<i>Sturnella</i>	501 b	-
<i>Agelaius</i>	498	"
<i>Chelidore</i>	613	"
<i>Otocoris</i>	474	1
<i>Tyrannus verticalis</i> ?		3
<i>Agelaius</i>	273	a few
<i>Himedospiza solitaria</i>	256	1
<i>Zenaidura</i>	316	a few
<i>Lanius</i>	622	1

Mammals

<i>Citellus macrospilotes</i>	ca
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Uta stansburiana ca
Phrynosoma modesta 1

July 29 Albuquerque 7A.M.

Foothills (Mtns) 5500

Prosopis glandulosa, 5 and
pushes near little
Islets

	703	
<i>Yucca baccata</i>	4	
<i>Chorizopetalum</i>	420	13
<i>Zizaniopsis</i>	316	on
<i>Zizaniopsis</i>	5016	-
<i>Agave</i>	498	-
<i>Chilidion</i>	613	in
<i>Fabes phalocra</i>	360	2

Belles

Prosopis pubescens? a few
in field

Prosopis glandulosa
3 small bushes edge of road

East of River - Mtns -

Datura canescens ab.

Gutierrezia

Pedicularis filifolia -

Yucca glauca on

293 *Callipepla squamata* + young
of half year young on road

Beds

Yucca radiosa ? 3-6 feet
good grass

Opuntia, a few flat pad

Prosopis glandulosa a little
on hot slopes

Junipers

Yucca baccata

Opuntia arborescens

Nolina

Others

Pinus edulis 5700

Scholle

Abies

Mountainair 6600

Juniperus monosperma on

Pinus edulis

Antirrhinum

Opuntia arborescens

" white spined pad

Juniperus procumbens 7000

Pinus ponderosa

Spurress Ranch 7200

Quercus undulata

" Gambel's

Barberis 6700-

Tetradymia canescens 7000

Spurress Mill 7500

Upper Well

7700

Mountains to Mills

<i>Colaptes cafer</i>	413	con
<i>Lophophanes nocturnus</i>	733 ^a	"
<i>Scalops mexicanus</i>	767	"
" <i>arcticus</i>	768	a few
<i>Spizella breweri</i>	560	abn
<i>Pipilo chlorurus</i>	588	a few
<i>Zenaidura macroura</i>	615	abn
<i>Aphelocoma</i>	480	1
<i>Merula migratoria</i> at Mill	761	1
<i>Selasphorus rufus</i>	433	con
<i>Contopus richardsoni</i>	462	in

July 30 up mts.

<i>Spizella breweri</i>	560	abn
<i>Pineo</i>	567	
<i>Bitta pygmaea</i>	730	8000
Thrush		8400
<i>Empidonax</i>		
<i>Elaenia rufa</i>	433	
<i>Melagris</i>	5 ad, 18 ³¹⁰ y ⁹	9800
<i>Sturnioidea</i>	656	9000
<i>Merula inopinata</i>	1	761
<i>Contopus borealis</i>	459	4
<i>Iitta nelsoni</i>	727c	
<i>Troglodytes</i>		721
<i>Habia fuscicauda</i>	159 ^b	
<i>Melanerpes bairdi</i>	407	1
<i>Dryobates villosus</i>	139 ^b	
<i>Corvus sinuatus</i>	486	5

Mangrove mts.

July 30 upper mill, 7700		
up gulch		
<i>Acer glabrum</i>	NE	see p 70
<i>Abies</i>	"	8000-9700
<i>Robins reonicana</i>		7800-9700
<i>Berberis riparia</i>	"	
<i>Ceanothus</i>	"	
<i>Populus tremuloides</i>	NE	800-1000
<i>Rubus</i>	red	"
<i>Polemonium</i>	white	8500-
	blue	"
<i>Pseudotsuga</i>		8400-1000
<i>Opulaster</i>		8600-1000
<i>Delphinium</i>	big blu	9000-9
<i>Hedysarum</i>	"	"
<i>Pinus flexilis</i>	"	"
<i>Symphoricarpos</i>	"	"
<i>Sambucus</i>	"	"
<i>Fragaria speciosa</i>	"	1000-1000
<i>Salix</i>	"	"
<i>Quercus</i>		7000-9000
<i>Sorbus</i>	1	9700

Ban Marcial July 30.

<i>Populus wislizeni</i>	abn
<i>Salix interior</i>	"
" <i>nigra wrightii</i>	"
<i>Prosopis pubescens</i>	"
" <i>glandulosa</i>	"
<i>Coccoloba</i>	"
<i>Rhus microphylla</i>	"
<i>Lycium</i>	"
<i>Opuntia engelmanni</i>	afar
" <i>agilorensis</i>	"
" <i>clavatum</i>	abn.
<i>Gutierrezia canescens</i>	"
<i>Phacelia heterotheca</i>	com
<i>Paeonia glauca</i>	"
<i>Grindelia</i>	"
<i>Yucca radaea (law)</i>	"
<i>Chilopsis</i>	a few in arid
<i>Fallugia</i>	com. in "
<i>Opuntia</i> green spines	
" <i>leptocaulis</i>	
<i>Paeonia glauca</i> <i>canescens</i>	com
<i>Atriplex canescens</i>	"
<i>Ephedra</i> blue	"
" big green	"
<i>Yucca baccata</i>	"
<i>Opuntia</i> white spines	"
" fine	"
<i>Florimia cernua</i>	"

Ban Marcial & on Mesa

<i>Mimosa leucophylla</i>	703	com.
<i>Heliodytes</i>	713	nest
<i>Meleagris gallopavo</i>	605	1 ♂
<i>Passer domesticus</i>	P. d.	com.
<i>Dryobates bairdi</i>	1 med	396
<i>Oligosoma</i>	474	1
<i>Cathartes</i>	325	1
<i>Callipepla</i>	293	3 com.
<i>Tyrannus verticalis</i>	448	com.
<i>Cypripedium</i>	573	3000
<i>Thlaspi glaucum</i>	360	1
<i>Psilocereus</i>	385	2
<i>Lomaria</i>	622	2
<i>Buteo b. calurus</i>	337	3

San Mescal

Citellus spilosoma hard. on.
Perodipus
Dipodomys on flats
" small on mesas
Dipodomys deserti " br. led.
Lepus texianus 2 " com
Neotoma ricordii " "
Lepus microtis " "

Aug. 1 - below San Mescal
Populus
Salix 2
Protosiphon glandulosa
" *pubescens*
Baileya glutinosa
Hymenophyllum monogyre
Phacelia involucrata
Atriplex canescens
Corylus
Defea canescens
Astragalus filipolia
Ephedra, big green
Justicia

Crocker

Yucca whipplei
Baccharis glauca
Corylus on slopes
Mesquite low "

Flourensia cernua

Engle

Same, little lower Sonoran
wastly yuccas & grass

Cutter

Same, no saltgrass on
lower Sonoran

Cnemidophorus

Crotaphytus? or *Holbrookia*

Physignathus

Geophorus

Rincon

Prosopis glandulosa
 " *pubescens*
Chilopsis
Yucca whipplei
Corolla
Populus wislizeni
Salix interior
Dalea emarginata
Ephedra big green 7
Tiquilia 7
Plumbago open
Baccharis glutinosa
10 mi. below
Leymus
~~*Calochortus*~~
Ziziphus 7
Olea europaea 7
Rhus microphylla
Atriplex polycarpa ? 7
Photinia 7

Sierra Madre

Las Cruas
Misita Park
 same plants

Misita Park, Aug. 1.

Zenaidura 316 com
Oreococcyx virginianus 273 1
Appertrix gambeli head
Tyrannus verticalis 448 a few
Lanius 627 "
Carpodacus puniceus 519 com.
Oreococcyx elegans 599 1
Hierundo 613 abn.
Chordiles tenuis 421 com.
Amphispiza bilineata 746 stems
 in University Coll.
Minus lucapetra 703 com
Lanius viridis 683 1 head
Sturnella 5016 com

Citellus s. armatus open
Peromyscus ordi "
Spermophilus beechensis "
Nepotomus "
 houses and streams
 Gopher hills numbers

Aug. 2 to El Paso & back

Laramie

Antelope 4,
Dipodomys spadefoot, big
Lepus texianus *scr*
" *micros* "

Cercopis plumbosa low,
Coccoloba in places
Yucca radiosa abu
& *Yucca whipplei* complex
Erythrina triplinervia abu
Argemone abu.
Acacia constricta, a little

Overberg same

Deming

Opuntia 613
Wimundia abu
Prosopis emoryi ^{Pod.} 448 —
Typhlosaurus *coeruleus* ⁴⁴⁸ abu
Crotalus cerastes ¹⁸⁷ a few
Otocoris 474 —
Zenaidura 316 a few
Cathartes aura 322 2

Aug. 3 to El Paso & back
& back to Deming

Aug. 4 Deming 10: 4333
Prosopis glandulosa abu
Yucca radiosa "
Ephedra trifurcata "
Artemesia tritoides "
Hourenzia canescens, *forst* "
Zizyphus "
Zygium arborescens "
" *pubescens* a few
Acridox canescens "
Hilertia
Corylus 5 slopes, abu.
Quercus "
On miles

Koelreuteria spinosa com.
Coccoloba 15 to 20 mi. abu.
Hourenzia " " "
Zygium arborescens " "

Opuntia *leptocarpa* a few

Notocia *hond* of 600

Driving to Antelope Ranch

Tyrannus vociferans 448 a few
Corvus cryptoleucus 487 com
 2 nests, 2 eggs, food.
Buteo swainsoni? 2
Otocoris 474 com.
Sayornis saya 457 1
Oryzopsis 273
Calochortus 293
Lanius 622

Watkins Ranch

Aug. 5 487
Scovus cryptoleucus los
Buteo swainsoni 342 2
Otocoris 474 6
Melanocorypha 105 20
Ianus 622 1
Spizella 378 100
Oreocoris 273 tank
Anthonomus grandis 573a
Sporophila breweri 457 1
Zenaidura 2 at tank 316
 tank, 4820
Toxostoma 1
Canis lupus 713 11st

Aug 5, Ranch 4600

Cylindropuntia abn
Floridaria 4
Lippia 4
Cephisus u
Koeberlinia com
Yucca whipplei 4
Opuntia schottii a few
 " *Leptilaria* 40
 " *longipinnata* 4
 " *Yucca whipplei* 4
Yucca var. *whipplei* on edge
Buttercup
 tank, tree, 4800

Diamond, 5000

Agave
Echvoacanthus westigint
Datura
Opuntia *neglecta*
Juniperus *monosperma*
Yucca
Rhus *virginiana*
Yellow Cactus *Cassia*
Veronica *canescens*

Valley bottom 4700

Ridge 4800
 Hacienda 4975
 Gyneret alt. 4504
 aereoid act. " "
 Valley bottom 4450
 Corolla trididata obs
 Flourensia " "
 Rhus microphylla "
 Ephedra "
 Roseodinus "
 Lycium "
 Opuntia polyacantha "
 Cylindropuntia wrightii "
 Mesquites "
 Spring 8 mi. 4800
 Populus
 Agave
 Fouquieria
 Celtis
 Juniperus
 Yellow flower bush (Cocca?)
 Prosopis juliflora
 Salix
 Falcaria
 Mimosa tenuiscaulis
 Opuntia scabry
 " leptophylla
 " engelmanni
 Berberis
 Ptilogyne
 Nolina

Mierorhamnos
 Chilopsis
 Tysius pallidus
 Eriogonum douglasii
 Divelly 5100
 Acacia constricta
 Same old plants again
 Valley de las Playas
 Camp - End Playa 4350

Aug. 16 Camp 4350
 Playa 4300
 Corvus
 Bullock
 Oryzopsis
 Symphoricarpos?
 Yucca?
 Larrea
 Achyranthes
 Salsola
 Malacothrix
 Otidorum

 Agave
 Salsola
 Zizostoma

Valley de los Platos
 Prosopis glauca obv.
 Zizyphus " "
 Kochia spinosa "
 Atriplex canescens "
 Populus at sp. "
 Salix " "
 Cylindropuntia
 Ephedra
 Gutierrezia
 Yucca glauca
 Flourensia

Agave 4545 m.
 Muhlenbergia
 Yucca baccata
 Trifolium 4500-
 Nobilia " "
 Opuntia robusta
 " engelmanni
 " lobata

Summit 5000

Armes Valley,
mostly barren or grassy

Adobe
 Juglans major obv.
 Platynus wrightii "
 Quercus engelmanni
 Kunzea rupestris "

Camp n of Ammos Rock

Asp		5800
Camp	7 a.m.	5800
Quercus emoryi		5500-6500
" arizonica		"
" hypoleuca		NE. 5800-
Platanus wrighti		5500-6800
Tulipa major		5500-6500
Imp. mancespina		5000-
" paetroploca		NE. 5800
Cercocarpus	^{P. papillosa}	NE. 5900-7500
Fraxinus velutina		" - 1500
Garrya wrightii		5800-
Agave palmeri	short	5500-6500
"	big	
Nolina		5000-6500
Yucca	tall	5800-6900
Opuntia schottii		5000 -
Zizygia parviflora		5000-
Cereus		
Rhus trilobata		5000-7000
Ceanothus fendleri		3800-
Vitis arizonica?		5500 - 6900
Pinus edulis? cembroides		6000-7500
"	step	NE. 3600-7500
Gymnosperma	compositum	" 5800-
Symplocarpus		"
Rubus d. monspeliensis	big white	6200-7700
Solanum tuberosum		" 7000
Fendlera rupicola		" 5000-8000
Pitca		6300-7900
Rosa		

Pinus chiapana	NE. 6500-
Quercus reticulata	" 6500-
"	" 7000
"	" "
"	" 7000
"	" 7000
"	" 7000
Arctostaphylos patens	" "
Corbulus arizonicus	" "
Rhamnus prunifolia	" 6000-
Toucera	" "
Prunus salicifolia (Black)	" 7500-
Water, 6750	
Quercus monilicarpa	NE. 6900-
Pinus ponderosa	on ridge 6900-
Arctostaphylos mollis	NE. " - 7900
Pteris aquilina	" " - 7000
Rosa	small " "
Pseudotaxus	7000
Pinus flexilis strobus	" "
Populus tremuloides	" "
Regundo	" 6900-
Holodiscus	" 7000-
Pinus arizonica	ridge " - 7500
Amorpha	6000-7500

Animals Mts.

<u>Aug. 7. Camp</u>		5800
<i>Parus</i> woolweberi		6000
<i>Salpinctes</i>	"	
<i>Aphelocoma</i>	"	
<i>Spizella breweri</i>	5	
<i>Phalaenoptilus</i>	6000	
<i>Catherpes</i>	"	
<i>Megascops</i>	"	
<i>Glaucidium</i>	1 bird	
<i>Bubo</i>	1 bird	
<i>Pipilo megalurus</i>		
<i>Melanerpes</i> <i>leuconotus</i>	0 few	
<i>Colaptes</i>	1 bird	
<i>Vireo swainsoni</i>	5500-6700	
" <i>swainsoni</i>	1	
<u>Up Crayon</u>		
<i>Pipilo megalotis</i>	6000-	
<i>Merula</i>	6500-	
<i>Thraupis</i>	6000-	
<i>Columba fasciata</i>	most	6900-
<i>Setophaga picta</i>	5	7100-
<i>Citellus fulvus</i>	2	"
<i>Empidonax difficilis</i>	1	"
<i>Cyanocitta stelleri</i>	on. 6700-	
<i>Carduelis subripens</i>	1	7100
<i>Sitta pygmaea</i>		7000
<i>Selasphorus rufus</i>		abn 5800-
<i>Sitta</i>		
<i>Spizella breweri</i>	on. 5800-	
<i>Trochocercus</i> ?	10, 7500	

Animals Mts.

<i>Odocoileus canesi</i>	Trads	6900-
<i>Felis asteris</i>	"	6600
<i>Ursus</i> <i>ion</i> & <i>trads</i>		
<i>Eutamias dorsalis</i>		
<i>Citellus grammurus</i>		
<i>Thomomys</i>		
<i>Thomomys</i>		
<i>Thomomys</i>		
<i>Peromyscus</i>		
<u>Motors</u>		
	"	
<i>Urocyon</i>		
<i>Canis</i> <i>macrourus</i>		
" <i>macrourus</i>		
<i>Ursus</i> <i>h. horribilis</i>		
" <i>abubalops</i>		
<i>Mephitis</i>		
<i>Spilogale</i>		
<i>Thomomys</i>		

Aug. 9, Camp
down to valley

5800

Dipsosaurus spectabilis - 5300
Crotalus - 5300

Mimus leucotis a few - 5000
Tyrannus verticalis "
Thondestes 1
Aquila 2
Cathartes 2
Otocoris 2
Callipepla 2
Spizella breweri 2 nests 5000
Spizella breweri 1 "
Aquila 2
Godwills 8
Teal, cirrhosa? 10
Zenopsis maculosa 1
Oreocichla ocularis 1
Helodorus solitarius 2
Speotyto 2
Antroswarmers open
Falco sparveria 1

Dover Valley Aug. 9

to

4800

Prassopis
Chilopsis
Bursera
Fraxinus
Salix 2
Morus

Gray Ranch 5200
to Bat Caves

Quercus arizonae abu
& *enonymi* -
Teglanus waggoner a few
Trevores 2
Juniperus pacifica 2
Pinus Obedus 1 tree 1000
Pinus ponderosa, *sinuata*.
Notina abu
Agave short leaf co
Yucca big open

Aug. 10 Gray Ranch
 Acotilopas rd 3. sec, con.
 intershs of 7 to 20', prob.
 300 in valley.
Dipodomys spectabilis, con.
Thomomys con.
Canis mex. -
Canis macrourus 1
Canis baileyi -
Felis a few
Urocyon
Vulpes macrotis, ades
Nasua, killed a month ago
Layassus, con.
Felis onca 15 years ago

To Lang Ranch

Antelope 4
 said to be seen 30, 5 or 27
 and 55 in bunches
 Groups abn. all along
Dipodomys spectabilis, con.
Citellus spaldingi,
Tympanuchus said doves
 Jacks con.
 Sparrows to

Aug 10 To Lang Ranch
Otocoris con
Ammobramus 4
Thomomys 1
Poocetes 3
Falco sparveria 3

Ridge across valley 5200
Lang Ranch 5100

Squirrel
Atelapha cinerea 2
Dentatus 1
Citellus
Dipodomys spectabilis

Eagle 8 lbs, 80 inches
 Crop full of bear deer
 Stomach a little -

Aug. 11 Lang Ranch 5100

Drypetes

Footea mexicana 1

Bursera microphylla 8
" white 1

Cathartes

Agave

Opuntia

co

1

co

Citellus spilosoma 1

" parvulus 2

Antilocapra 1
Pass 5000

Notocampa

Opuntia acanthocarpa

" lindheimeri?

Onoclea sensibilis

" aquatica

Yucca (this boy)

" macrocarpa var. longistylis

Prosopis 5000 5 slopes

Agave palmeri

Mimosa biuncifera

Turgenia portulacaefolia a few

upper

Albertson Ranch 5200

Platanus

Taxodium

Populus

Ebix

Vitis

Bursera

Fallugia

Prosopis glandulosa SW

Yucca whipplei -

Chilopsis

Hymenoxys calycosa

Callopistria

Zonotrichia

Asphondyli 2

Thryothorus ludovicianus 2

Pyrrhula

Pyrrhula oculea

Myiochanes 2

Citellus microtis

Feltia subgothica

Zenaidura

Cathartes

Heliodoxes 2

Merops lessepsii co

Culberson Ranch 5000

Cloudless

Geococcyx

Corvus cryptoleucus

Edge of valley

4830

High Tones line

4750

Aug. 12, Big Lomosome 4700
Telos *metacanthus* a
Buteo swainsoni "
 " *edwardsii* "
Telos *californicus* "
Ninus leucopterus y
Heliodoxa "
Otocoris com
Motacilla "
Coccyzus cryptoleucus 1 a
Tyrannus vociferans "
Toxostoma a few
Zenaidura a few
Cathartes "
Pararanga buckleyana 2
Geococcyx 2
Zenaidura a few
Amphispiza bilineata "
Taxostoma palmeri 3
Geositta s. bairdi 1

Ovis mex. - in Hatchet Mts.
Antilocapra 1 (13 Rind Sees)
Canis neomexicanus rare
Lipotoma spretabilis co
Lithobius spissicornis 1
Lynx canis "
Lepus tex "
Cynomys "

Aug. 12, Playas 4400
Yucca radiosa abn
Zosopis can in plain
Juglans major
Chilopsis dogwood
Zizyphus co.
Koeberlinia "
Lycium dendroides co.
Trifolium canescens "
Gutierrezia "
Toumeyella
Rhus ovina a little

Ejemea Ranch 4400
Taxostoma palmeri? 1
Geococcyx
Populus tremuloides at ranch

Hatchet Ranch 43500
Populus tremuloides
Mica
Coccoloba on mesa
Foerquiera on hills

Hastita

4600

Aug. 13

Driving to Laramie

Aug. 14 To Denver

Driving to Selby

Asio accipitrinus 1

On Monday I caught at
the Floyd place in
Gila, 4 miles east of the
line. Said to be in
the Box near Laramie.

Aug. 16 Silver City

Buteo calurus 337^b 1

Zenaidura 316 a few

Cathartes 325 "

Aptelocoma 480 "

Minus leuopterus 703 "

Dryobates pubescens 293 1

Merula m. propinquus 484

Tyrannus vociferans com

Carpodacus torquatus 519 "

Passer domesticus in town

Pipilo fuscus 591 "

Tachastoma curvirostra 707 2

Salpinctes 715 "

Hirundo 2 in town 413

Astragalus nevius 530 a few

Zophotrix gambeli 12 detrig.

Piranpebla 1620 1 ♀ in yel

Chondestes v. bairdii 2 421

Tyrannus vociferans 300 in evening

Silver City Aug. 14.

up Silver Cr. 5 mi.

Tsuga m. major big, com.

Juniperus monosperma

l *pachyphloia*,

Pinus edulis

" *ponderosa* com. N.

Prunus saliifolia

"

Quercus emoryi

" *arizonae*

shrub

Agave

abs.

Nolina

"

Yucca baccata

com.

" *radicans* sp. S.

Cereocarpus parviflorus, com.

Aug. 19 Silver

<u>Aug. 18.</u>	9:05	460
<i>Grallaria occidentalis</i>	767	co.
<i>Pipilo mesoleucus</i>	791	"
" <i>megabates</i>	488	"
<i>Aphelocoma</i>	460	"
<i>Zenaidura thalassina</i>	615	1
<i>Dryobates villosus</i>	393	co.
<i>Colaptes</i>	415	1
<i>Tyrannus vociferans</i>	448	sp.
<i>Contopus richardsoni</i>	474	
<i>Zitta nelsoni</i>	727	1
<i>Ammodramus bimaculatus</i>	415	1
<i>Spizella breweri</i>	60	obs.
<i>Dendroica auduboni</i>	co.	
<i>Zenopsis phalaris</i>	492	1
"		
<i>Zenaidura</i>	316	co.
<i>Cathartes</i>	325	"
<i>Falco sparverius</i>	360	5
<i>Calpinetes</i>	715	2

Camp on N. Fork Sappille, Terrell Co.
7700 feet.

<i>Grallus</i>	701	H.
<i>Mimus polyglottos</i>	30	
<i>Accipiter cooperii</i>	408	co.
<i>Meleagris gallopavo</i>	296	1

<u>Aug. 21.</u>	arrived Little Rockey Cr.
Oct. 1	77° on top of ridge 8200
<u>Camp on Little Rockey</u>	8000
<i>Selasphorus platycercus</i>	432
<i>Gracida</i>	478
<i>Gracida</i>	393
<i>Graybates Mississip.</i>	60
<i>Zitta nelsoni</i>	727
<i>Zitta pygmaea</i>	730
<i>Sialia</i> ludovic.	757
<i>Ames leucurus</i>	570
<i>Agelaius phoeniceus</i>	23
<i>Contopus richardsoni</i>	467
<i>Vireo</i>	1
<i>Dendroica</i> richardsoni	656
<i>Cardinia subflava</i>	620
<i>Setophaga picta</i>	688
<i>Arthis</i>	726
<i>Parus gambeli</i>	738
<i>Regulus</i>	2
<i>Spizella breweri</i>	560
<i>Selasphorus platycercus</i>	432
<i>Cathartes</i>	325
<i>Columba fasciata</i>	312
<i>Hesperophanes montanus</i>	514
<i>Zenaidura thalassina</i>	615

Aug. 21, Camp in Pinty Cr		
<i>Pinus ponderosa</i>	11500	Sea-
" <i>strobiiformis</i>		Slope
" <i>edulis</i>		
<i>Pseudotsuga</i>		
<i>Juniperus pachyphloea</i> s. slope		
" <i>monosperma</i>		"
<i>Quercus laevigata</i>		"
" <i>arizonae</i>		"
" <i>gambelii</i>		N. Slope
<i>Populus angustifolia</i>	10000	Sea
<i>Salix</i>		
<i>Populus tremuloides</i>	11500	8500-
<i>Holodiscus</i>		
<i>Staphisorum</i>		
<i>Polygonum</i>		
<i>Rubus</i>		
<i>Pentstemon secundus</i>		
"		
<i>Gilia longiflora</i>		
<i>Potentilla</i> (woolly)		
<i>Acacia hypoleuca</i>		9000
<i>Abies concolor</i>	112	9000-
<i>Populus tremuloides</i>		" -
<i>Padus</i>		" -
<i>Cerassus</i>		
<i>Ceanothus fendleri</i>		9000-
<i>Ribes</i>		
<i>Yucca baccata</i>	5000	8000
<i>Yucca</i>		

<u>Aug. 24</u>		
<u>Rocky Cr. Camp</u>	9.	8100
<u>Forks of Rocky</u>		7700
<u>Mesa</u>		8200
<u>Block R</u>	8	7200
<u>Coon Tracks</u>		
<u>Abelis graminis</u>		
<u>Mesa top</u>		8000
<u>Diamond Creek</u>		6800
<u>Pinus ponderosa</u>		com.
" <u>edulis</u>		
<u>Juniperus</u> <u>paddingtonis</u>		5400 "
" <u>monosperma</u>		"
<u>Quercus</u> <u>arizonica</u>		"
<u>Juglans</u> <u>major</u>		"
<u>Populus</u> <u>angustifolia</u>		abs.
<u>Nigundo</u>		a few
<u>Alnus</u>		1 tree
<u>Celtis</u>		a few.
<u>Vitis</u>		abs.
<u>Ampelopsis</u>		a few
<u>Forestiera</u>		com.
<u>Ribes</u> <u>aureum</u>		a few
<u>Rhus</u> ^{black} <u>trilobata</u>		com.
<u>Yucca</u> <u>baccata</u>		"
<u>Opuntia</u> <u>arborescens</u> :		a little
" big pad		com.
" small pad		"
<u>Cirsium</u>		com. on rocks
<u>Mannindaria</u>		a few
<u>Festuca</u> <u>rapicola</u>		on rocks
<u>Argemone</u> <u>hispidula</u>		com
<u>Devil's horns</u>		"
<u>Ceratoides</u> <u>hudsonius</u>	331	1
<u>Cathartes</u> <u>aura</u>	325	com
<u>Cathartes</u>	718	"
<u>Trochilidae</u>	721	"
<u>Geothlypis</u> <u>tolmani</u>	680	1
<u>Coturnix</u> ²⁹⁶	said to be com.	
<u>Perdix</u> ³⁷⁵	1 head	

<u>Aug. 25</u>		
<u>Camp on Diamond Cr. 6800</u>		7200
<u>top of ridge</u>		6700
<u>Block R. 6800</u>		6800
<u>Camp at Bear Cr.</u>		
<u>Pinus ponderosa</u>		com.
" <u>edulis</u>		"
<u>Juniperus monosperma</u>		"
" <u>paddingtonis</u>		"
<u>Quercus</u> <u>arizonica</u>		"
<u>Juglans</u> <u>major</u>		"
<u>Populus</u> <u>angustifolia</u>		abs.
<u>Nigundo</u>		a few
<u>Alnus</u>		1 tree
<u>Celtis</u>		a few.
<u>Vitis</u>		abs.
<u>Ampelopsis</u>		a few
<u>Forestiera</u>		com.
<u>Ribes</u> <u>aureum</u>		a few
<u>Rhus</u> ^{black} <u>trilobata</u>		com.
<u>Yucca</u> <u>baccata</u>		"
<u>Opuntia</u> <u>arborescens</u> :		a little
" big pad		com.
" small pad		"
<u>Cirsium</u>		com. on rocks
<u>Mannindaria</u>		a few
<u>Festuca</u> <u>rapicola</u>		on rocks
<u>Argemone</u> <u>hispidula</u>		com
<u>Devil's horns</u>		"

E. Fork Gila - Aug. 25+

<i>Cathartes aura</i>	325	a few
<i>Buteo calurus</i>	337	6
<i>Falco sparverius</i>	360	
<i>Aetus vaeruleus</i>	263	1
<i>Pipilo maculatus</i>	592	4
<i>Pitrochidion</i>	617	14 nests
<i>Catherpes</i>	718	com. heard
<i>Astragalinus</i>	529	com
<i>Cyanocapitalus</i>	492	heard
<i>Tyrannus verticalis</i>	448	1
<i>Ornithodoros herodias</i>	194	1
<i>Chondestes</i>	552	2
<i>Spermophilus arizonae</i>	562	com
<i>Sceloporus</i>	715	a few
<i>Sialia bairdi</i>	767	com.
<i>Teleosaurus platynotus</i>	437	a few
<i>Bubo</i>	475	dd + yg.
<i>Oxyrhopus cooperi</i>	273	heard
<i>Parus gambeli</i>	738	com
<i>Capnodacus frontalis</i>	519	
<i>Baileya</i>	733a	2
<i>Colopteryx</i>	413	2
<i>Zenaidura</i>	316	2
<i>Claviger testaceus</i>	312	2
rodents		

Aug. 26. Camp 6750

<i>Cyanocapitalus</i>	7300
<i>Ty. dryg.</i>	7400
Wetg. low to Barren	
<u>Cill Transition</u>	
Beaver Cr. at junction of Cordero Cr.	
Corduroy brackish water & about 7000	
VXT Ranch on Beaver about 7200	
Beaver Lake	7400
Camp above lake	7500
<i>Psora</i>	214 heard in marsh
<i>Cyanocapitalus</i>	492 com
<i>Sebeoptodus</i>	516 "
<i>Agelaius</i>	498 "
<i>Xanthocapitalus</i>	497 "
<i>Pooecetes</i>	540
<i>Myiochanes amurensis</i>	454 1
<i>Tyrannus verticalis</i> ?	2
<i>Anas</i>	140
Mallard	com
Blackhead	149
B. teal	28
Ruddy	167
Falcated	356
" mexicana	355
" stockera	360
<i>Accipiter</i>	332
<i>Teleosaurus platynotus</i>	com.
<i>Sterna</i>	77
<i>Aleyrodon</i>	390
<i>Chordeiles hensyi</i>	420
<i>Sitta occidentalis</i>	727
" pygmaea	728

<i>Progne s. superus</i>	611	4
<i>Ictebanta thalassina</i>	615	con.
<i>Cyanoccephalus</i>	492	a
<i>Merula propinquina</i>	761	5
<i>Petrochelidon</i>	612	a few nests
<i>Cathartes aura</i>	717	con
<i>Salpinctes</i>	715	-
<i>Pipilo maculatus</i>	592	a
<i>Zenaidura</i>	316	a few
<i>Sayornis saya</i>	457	1
<i>Sialia bairdi</i>	767	con
<i>Dryobatis</i>	393	1
<i>Actitis macularia</i>	263	7
<i>Anas diazi</i>	132	a few
" <i>streperus</i>	135	abn
" <i>carolinensis</i>	39	con.
<i>Aythya americana</i>	146	12
" <i>merula</i>	148	10
<i>Fulica americana</i>	221	5
<i>Phalacrocorax lobatus</i>	223	3
<i>Sula leucogaster</i>	433	
<i>Oceanites oceanicus</i>	273	con.
<i>Zelha bairdi</i>	241	3
" <i>minuta</i>	242	5
<i>Zotanus flavipectus (leucostictus)</i>	1	255
<i>Himantopus ochotensis</i>	226	1
<i>Aquila chrysaetos</i>	349	1
<i>Bubo</i>	375	1
<i>Endroica auduboni</i>	656	con
<i>Spizella breweri</i>	560	a
<i>Chondestes</i>	552	a few

<i>Cassicus similis</i>	486	2
<i>Ardea herodias</i>	194	1
<i>Antilocapra</i>		con
<i>Cynomys ludovicianus</i>	9	
<i>Sciurus aberti</i>	4	
<i>Entomias larvata</i>	6	
<i>Citellus grammurus</i>	a	
<i>Thomomys pallax</i>		
<i>Peromyscus truei</i>	2	
" <i>rufinus</i>	2	
<i>Erethizon</i>		con
<i>Thomomys fulvus</i>	a	
<i>Lepus arizonae</i>	2	
<i>Chinch lachatus</i>	1	
" <i>occidentalis</i>	a	
<i>Procyon</i>	2	
<i>Mephitis</i>	10	
<i>Zapidea</i>	11	
<i>Vesperugo fuscus</i>	11	

Aug. 28 Camp 7500

up Houghton Canyon
Mesa top about 8000 ft.

Summit of spur of Elk Mts. 9000

Camp 8600

Aug. 29, Camp 8600

Open mesa 8500

Asterusia pyramidalis

Peterozia ethiopica

Senecio; yellow

Malvastrum

Lithophragma

Oxalis violacea

Geranium red

Kiwanis perenne

Solidago

Eriogonum

Franseria

Altissima

Solanum

Wild radish

Tradescantia blue

" purple

Sisyrinchium

Castilleja

Diphylleia

Erriogonum

Oxyenthella

Fragaria

Aug. 29

<i>Otocoris</i>	474
<i>Sturnella</i>	501
<i>Thraupis</i>	545
<i>Pterocallis</i>	540
<i>Chondestes</i>	552
<i>Sialia</i>	767
" <i>acutirostris</i>	768
<i>Spizella</i> <i>airyanus</i>	560
<i>Salpinctes</i>	715
<i>Trochocercus</i>	360
<i>Stila</i> <i>pygmaea</i>	728

Up Elk Mt.

<i>Tmes</i> <i>dorsalis</i>	570 a
<i>Cyanocitta</i>	478
<i>Dryobates</i> <i>hodgsonii</i>	393

Odocoileus hemionus, tracks a.

Sciurus aberti

 " *woollomi*, com

Eutamias amoenus *edwardsi* "

Callospermophilus "

Neotoma

Homomys

Lepus *tuicanus* 1

 " *pini*, sign at 10000.

Aug. 29 Up Elk Mt.

<i>Carex</i>	8600
base of mts	8800
<i>Pinus ponderosa</i> SW	8500-10000
" <i>flexilis</i>	548800-17200
" <i>edulis</i> , steppe	8800
<i>Juniperus</i> <i>pachyphloea</i> "	- "
<i>Acacia</i> <i>arizonicus</i>	- "
<i>Pseudotsuga</i>	SW 8800-10200
<i>Populus tremuloides</i>	NE 1000-10200
<i>Quercus</i> <i>garrettii</i>	8500-10000
<i>Abies</i> <i>concolor</i>	NE 9000-10000
<i>Arctostaphylos</i> <i>uva-ursi</i>	NE 8200-10000
<i>Juniperus</i> <i>communis</i>	NE 9000-10200
<i>Holodiscus</i>	9000-10000
<i>Oxytropis</i>	" - 1000
<i>Berberis</i> <i>riparia</i>	" - 1000
<i>Ribes</i> <i>crucigerum</i>	- 1000
"	spiny - 10200
<i>Oxybaphus</i>	1000-10200
<i>Symphoricarpos</i> <i>oreophilus</i>	- 1000
"	wallichii 548, 10000-10200
<i>Salix</i>	8700-10000
<i>Pinus</i> <i>glaucra</i>	1000-10200
<i>Polygonatum</i>	" - 1000
<i>Rubus</i> <i>sanguineus</i>	" - 1000
<i>Polygonum</i> <i>angustifolium</i> Cr.	8800

Aug. 30 Camp 1 8650
Grass Creek 8500
Divide 8600
Antelope - 18
Doux Beaver Co.
Wolf Creek 2
Pinus ponderosa
 " *resinosa* NE 8000
Pseudotsuga "
Picea sitchensis "
Populus tremuloides"
 " *angustifolia*
Quercus garryana
 " *Arizona*
Juniperus pacifica

Aug. 31 Camp on Ridge 7200
Coule 390
Zelkova 316
Cathartes 717
Salpinctes 715
Trochocarpus 360
Cypripedium 478
Hobia 596
Astragalus may 530
Glaucomastix 379
gigantea

Negrito Canyon 7200

<i>Pinus ponderosa</i>	NE & bottoms
<i>Pinus ponderosa</i>	NE.
<i>Quercus gambelii</i>	NE
"	deyoung SW
<i>Populus angustifolia</i>	bottoms
<i>Populus</i>	- 7000
<i>Populus</i>	- a
<i>Populus</i>	- 7200
<i>Juniperus polystachya</i>	
"	scopulorum, bottoms
<i>Yucca</i>	7000
<i>Populus tremuloides</i>	"
<i>Vitis</i>	"
<i>Aleurites</i>	tree
<i>Ziziphus</i>	- 6500
<i>Pithecellobium</i>	"
<i>Fundulus</i>	SW
<i>Ribes cereum</i>	- 7200
" spiny	- "
<i>Rhus glabra</i>	6500-7000
" trifoliata	SW - 7200
<i>Populus canescens</i>	a few tree
<i>Platanus wrightii</i>	- 6500 7000
<i>Crocoa caprea</i>	scrub
<i>Yucca brevifolia</i>	"
<i>Nolina</i>	" 6400
<i>Agave</i>	6300
<i>Opuntia schottii</i>	"
"	"
<i>Populus wislizenii</i>	flat

Francisco River 6100

<i>Carpinus</i>	<i>near Reservoir</i>	6200
<i>Pinus ponderosa</i>		
" <i>edulis</i>		
<i>Juniperus</i>	<i>polystachya</i>	
"	" <i>monosperma</i>	
<i>Quercus</i>	<i>arizonica</i>	
<i>Populus</i>	<i>angustifolia</i>	
"	" <i>wislizenii</i>	
"	<i>acuminata</i>	
<i>Salix</i>		narrowleaf
"		
<i>Forestiera</i>		
<i>Rhus trilobata</i>		
<i>Juglans major</i>		
<i>Vitis</i>		
<i>Lupinus</i>		
<i>Agave</i>	<i>sp</i>	
<i>Yucca</i>	<i>baccata</i>	
"	<i>glauca</i>	
<i>Opuntia</i>	<i>schottii</i>	
"	flat	
<i>Argemone</i>		
<i>Mentha</i>		
<i>Clitoria</i>		
<i>Sisymbrium</i>	<i>canescens</i>	
"		
<i>Gentianella</i>		
<i>Cowania</i>	<i>mexicana</i>	
<i>Fallugia</i>		

Frieg Sept 1-3.
 Buteo b. calurus 1 3375
 Circus 331 1
 Falco sparverius 360 com
 Accipiter velox 332 1
 Bubo 375 heard
 Geococcyx 385 said to com.
 Falco sparverius 295 com
 Cyrtonyx meansi ²⁹⁶ said to occur
 Dryobates villosus 393
 Melanerpes p. bairdii 407 1
 Colaptes collaris 413 com
 Sayornis saya 457 ~
 Contopus richardsoni ⁴⁶² heard
 Empidonax ~
 Aphelocoma 480 com
 Cyanocitta 478 abu.
 Vireo leucophrys ⁷⁰³ 1
 Hobia undulata ⁵⁹⁶ 1
 Parus gambeli 738 com
 Baeolophus 733a ~
 Pipilo arcticus 588 ~
 ~ nevadensis 592 1
 Geothlypis tolmiei 680 1
 Zenaidura 316 com
 Colaptes 325 ~
 Pyrrhula vociferans 448 1
 Cisticola 529 com
 Agelaius 2 349

Sept. 3, Camp 6400
 Tuscaroe 6800
 San Joaquin Hills
 Creek at 7 miles 7300
 Mesa in timber 7700
 Top of ridge 8650
 Peak 9000
 Aquila chrysaetos ³⁴⁹ 1
 Columba fasciata ³¹² 7500 + 8500
 Meleagris tracks 310
 Falco sparverius 360 1
 Melanerpes 407 neon hicksian
 Colaptes collaris 413 ~
 Dryobates villosus 393 ~
 Horizopus 462 1
 Eulophonotus rufus 433 ~
 Colaptes auratus 422 ~
 Turdus caniceps 5705 ~
 Sturnus townsendi 668 ~
 ~ auduboni 656 ~
 Hirundiphila colata 646 com
 Wilsonia 685 ~
 Sitta nebulosa 721 ~
 ~ pygmaea 730 shr
 Cyanocitta 478 ~
 Cyanocapitata 492 ~
 Mezul 761 ~ apw
 Sialia bairdi 767 com
 Vireo swansonii 627 ~
 Aphelocoma ⁴⁸⁰ com. up to 8500 ft
 Piranga 607 ~ 1850

San Francisco mts. 615
Zizobium thalictroides a few
Glaucomys 379, piedmont 880
Parus gambeli 738, 1050 & 8500
Vireo swainsoni 627
Pineocorys 491 a few 1 abt

San Panulisea mts.
Pinus coulteri on steep slopes - 8500
 " *ponderosa* SW - 8000
 " *strobus* NE - 6500 - 8500
Pseudotsuga SW 7500 -
Abies concolor NE, 8000 -
Robinia neomexicana NE, 8000 -
Quercus gambeli SW - 8000
Quercus arizonica, on steep slopes & 8500
Juniperus parryi SW - 8000
 " *monilifera* SW - 8000
Juglans rupestris up to 7300
Populus angustifolia up to 8000
Alnus up to 7300
Populus tremuloides 1158 over -
Ceanothus 8000 - 9000
Barbarea vulgaris " - "
Pedicularis torreyi " - "
Gilia aggregata " - "

Anna Valley Sep. 4 & 6
Ardea herodias 194
Meleagris 310 sandstone
Buteo swainsoni 13375
Talos sparverius 360
Ceryle alcyon 390
Macrourus 407
Colaptes 413
Oryctes 393
Silaphorus rufus 433
" *plumbeus* ⁴³²
Cyanocephala 478
Tayornis sayi 457
Zyphyrus rocyana ⁴⁴⁸ 2
Spizella breweri ⁵⁶⁰ obs.
Anniornis 542 b
Sitta pygmaea 730
" *Parus gambeli* 738
Sialia arctica 1768
" *varidi* 767 co
Catherpes 717
Hesiodrymus 721
Glaucidium gnoma ³⁷⁹ 2
Cyanocitta 492

Larva fulva
Pinus ponderosa
" *edulis*
" *strobus*
Juniperus pachyphloea
" *monilifera*
Quercus arizonae
" *gambelii*
Populus angustifolia
" *tremuloides*
Negundo
Otocoris leucomelas co
" *leucomelas* "
Zenaidura albifrons "
Callospermophilus lateralis "
Citellus georus "
Eutamias dorsalis "
" *evanescens* "
Neotoma pallipes co
Cyprinus carpio "
Peromyscus truei "
" *raddei* "
" *spinosus* "
Microtus californicus "
Lynx
Urocyon
Canis macrourus
Procyon
Urocyon
Lutreola, tracks

Sept. 7 Camp

7600

Bush Valley	8400
Camp	9000
Big Park on Mtn.	10100
Jefferson	10450
Peak, Escondida Mts.	10800
<i>Pinus ponderosa</i>	-9500
" <i>strobiformis</i> sw	-10500
<i>Paulownia</i>	- "
<i>Pteris aquilina</i> sa	-10400

<i>Picea sitchensis</i>	9000-
" <i>engelmanni</i>	1000-10800
<i>Abies amabilis</i>	9000-
" <i>acegimba</i>	10000-10800
<i>Populus tremuloides</i>	9000- "
<i>Juniperus communis</i>	" - "
<i>Ribes</i> sp. spm	-10800
<i>Fraseria speciosa</i>	-10800
<i>Rubus</i> red	- "
<i>Holodiscus</i>	- "
<i>Gilia cordata</i>	9000 - "
<i>Ribes cereum</i> sw	-10500
<i>Wyethia</i> big. orange	- "
<i>Companula</i>	- "
<i>Gentiana</i>	8600

Escondida Mts. Sept 7, 1933

<i>Artemisia</i>	349	2 at 10800
<i>Medicago</i>	310	1 - 10100
<i>Dendrographis</i>	297	1 "
<i>Olearia</i>	474	1 "
<i>Hylocyclea</i>	656	1 10800
<i>Dendroseris</i> audubonii	con	
<i>Juncus caninus</i>	5700 cm. 6/1000	
<i>Cyanocitta</i>	478	" "
<i>Wilsonia</i>	685	545 1 9000
<i>Cotinus coggygria</i> bardo	con	10100
<i>Acipiter cooperii</i>	333	1 10100
<i>Merula</i> n. propinquus	761	con 10000
<i>Calandula</i>	head	7000
	749	

<i>Odocoileus hemionus</i> , does & fawns	
<i>Sciurus aberti</i>	
" <i>wogollensis</i>	
<i>Extatosoma tiaratum</i>	
<i>Cynomyia quinquepunctata</i>	75100
<i>Neotoma</i> troglodytes	10800
" <i>fallax</i> , intro at 9000	
<i>Erythronium</i>	
<i>Thlaspi</i>	6 10800
<i>Whieseltius</i>	10100
<i>Canis mex.-r. macrourus</i>	"
<i>Ursus americanus</i>	

Sept. 8, Camp 9100

Bear Valley

Manis *lurida* 407 em

Colaptes *collaris* 413 "

Dryobates *otoscopus* ³⁹³ 1

Setophaga *ognina* 730 c

Sialia *whitii* 767 "

Dendroica *auduboni* ⁶⁵⁶ "

Spizella *arizonae* 560 "

Amphispiza *caerulescens* ⁵⁷⁰ "

Circus *circus* 331 "

Falco *sparverius* ³⁶⁰ 2

Alpine 8600

Sceloprogne 510

Butcher

Zenaidura ³¹⁶ 2

Tyrannus *virens* 448 4

Tyrannus *sojae* 3

457

Pinus ponderosa

Pseudotsuga

Quercus gambelii

Abies concolor

Alpine 8400

Populus tremuloides

Alnus

Picea sitchensis

Abies concolor

Pinus strobus

Summit 9100

Pinus strobus 8400

Caragana 8500

Pinus strobus

Thompsonia *vorax* 5400

Is. *oreocytis* 4

Pinus strobus

Hebe *oreocytis* 4000

Hebe *oreocytis*

Begonias *concolor*

Actinidia

Uromyces *indigoferae*

Sept. 9, Camp 8500
Loxia 5
Springerills 7500
Cirlus 1
Pintado mainsoni 2
Tympanuchus reverens 3
Pezomachus
Sayornis saya 1
Scelophaags down
Xanthocephalus 2
Sturnella neglecta 2
Tidahesoides 2
Syrrhulus vociferus 2
Agelaius phoeniceus 2
Cathartes 1
Tauraco erythrolophus 2
Lacrimula thal 1
Aphelocoma 5
Cyanocitta 1
Cotopaxi richardsoni 1

Sept. 10 Camp 8200
Meleagris 1
Cyanoctitta 3
Sitta pygmaea 4
Chaptes collaris 1
Dryobates 1
Dendroica auduboni 1
Eridis virens 1
Selasphorus rufus 1
" platycercus 1
Aquila 1
Zenaidura 8125
Buteo nelsoni 1
Pandion haliaetus 1

Sept. 10

Little Glaz R. 8125
 Alp. long R.
 Solix
 " "
 Hojas
 Pinus ponderosa
 Populus tremuloides N.S.
Quer 8250

Camp 2 mi above Quer 8400

Sept. 11 Camp 8400
 up to pass Prob to 11280
 Meleagris 8400 - 9400
 Dendragapus 6 at 9000, others 10000
 Cervus 1 at 8500
 Colaptes "
 Dryobates villosus a few
 Cyanocitta "
 Merula abr
 Bucocoris auduboni "
 Sitta nelsoni a few
 " pygmaea con
 Junco dorsalis con 8000 - 11000
 Regulus satrapa "
 Parus gambeli con - 9300
 Sialia arctica + 9000 - 9400
 Cyanocitta a flock at 9100
 Otocoris a few " 9000
 Poecetes " "
 Hesperornis solitarius 2 " 9100
 Actitis macularia 2 "
 Spizella breweri 3 "
 Aras barbata 35 "
 Nitelus 3 "
 Ammodramus 2 "
 Myadestes 2 10000
 Meleagris 1 at 9000 + 1 at 11300
 Picoides 2, 9500 + 10500
 Cinclus mexicanus (H) 1 at 8400

Sept. 14

Neopithecops 1 8500

Sept. 14 Camp
Pisangia Indivisa

Sept. 11 Camp	8600
Up Ibones Peak	7112 & 80
<i>Pinus ponderosa</i> S.W.	- 9500
<i>Pseudotsuga</i>	- 10000
<i>Pinus strobus</i> "	- "
<i>Alnus</i> along Cr.	- 8500+
Amelanchier	- "
<i>Ribes cereum</i>	- 9500
" <i>glabrum</i>	8500
<i>Rubus vitifolius</i>	8000 - 10000+
<i>Cornus asprea</i> N.E. 8000	- 9000
<i>Rosa</i>	" - " +
<i>Berberis repens</i>	" - "
<i>Pentstemon b. torreyi</i> SW	" - "
<i>Gilia aggregata</i>	" - "
<i>Pteris aquilina</i>	" - "
<i>Fragaria spicata</i>	" - "
<i>Cirsium</i> not along Cr	" -
" yellow	8500-9500
Kitch 2	500 8000-9000
Wild Cherv	" - "
Comptonia	
<i>Chamissoa litoralis</i>	
<i>Aster</i>	
<i>Media?</i>	
<i>Potentilla</i>	
<i>Artemisia</i> , var. ludoviciana	-
<i>Populus angustifolia</i> along Cr	- 8000

Sept 11 in Mts.

<i>Populus tremuloides</i>	NE.	8000-10000
<i>Picea pungens</i>	"	" -
" <i>angustana</i>	"	-11200
<i>Abies concolor</i>	"	8000 - 9500
" <i>arizonica</i>	"	8500-10200
<i>Salix (co-densata?)</i>	"	-10200
" <i>purple stem</i>		-9200
<i>Acer glabrum</i>	NE.	8500-9500
<i>Trumpetis</i>	"	" -10200
<i>Vaccinium cespitosum</i>	"	-11200
<i>Limnophila borealis</i>	"	" -
<i>Lycopodium canadense</i>	"	-10000
<i>Ionicera conjugialis</i>	"	" "
" <i>involucrata</i>	"	-11200
<i>Synphloioscopos mollis</i>	"	-1000
<i>Chimaphila umbellata</i>	"	" -
<i>Ribes sanguineum</i>	"	-11200
" (spiny)	"	" "
<i>Sambucus canadensis</i>	"	-9500
<i>Sorbus sambucifolia</i>		10000-10200
<i>Rubus (bushy)</i>		9000 - 10000
<i>Pagaria glauca</i>		8500-10000
<i>Veratrum</i>	"	" - "
<i>Pyrola secunda</i>	NE	" -
<i>Cassies schreberi</i>	"	-9500
<i>Polygonum raemosa</i>		9000-10000

Top of Peak at 11200

<i>Rhododendron</i>	spec
<i>Himachala</i>	"
<i>Potentilla</i>	"
<i>Campanula</i>	"
<i>Adonis</i>	"
<i>Solidago</i>	"
<i>Gentiana</i>	"
<i>Schizanthus</i>	"
<i>Ribes oxyanthoides</i>	10300
" <i>sanguineum</i>	8500
<i>baccifer involucrata</i>	"
<i>Picea engelmanni, dwarfed</i>	"
<i>Hilireum</i> big yellow, 8500	"
" little "	"
<i>Mertensia</i>	"
<i>Draba woolly</i>	"
" <i>twisted</i>	"
<i>Aruncus</i>	"
<i>Vaccinium cespitosum</i>	8500
<i>Polygonum</i>	"
<i>Epilobium</i>	"
<i>Cynopteris</i> big	"
" little	"
<i>Saxifrage</i>	"
<i>Pentstemon</i>	"
<i>Pedicularis</i>	"

Sept. 17, Springfield

7000

Populus angustifolia along R
Alders

Salix

Crataegus

Amelanchier

Bigelowia

Helenium thomaeum

"*Chrysanthemum*"

Cedrovia latifolia

Argemone

Cirsium

Xanthium

Aster big leaf

Scirpus douglasii

Berberis

Lysimachia pallida

Erythronium

Utricularia cornuta

Ophioglossum camporum

Oxalis

Ulmus

Walnut grass

1200

Franseria

Juniperus

Tastmos

6000

Cornus *canadensis*

Rubus *speciosa*

Opuntia, flat, small,

Yucca glauca

Smilacina

Sept. 17, Springfield

50

Thlaspi arvense *leptophyllum* 6

Thlaspi arvense *longirostris* 7

Thlaspi arvense 7

Cirsium 1

Calystegia sepium 1

Lychnis viscaria 1

Scandium 1

Selaginella rupestris 1

" " *polycarpos* 1

Zenaidura 1

Cathartes 1

Sayornis saya 3

Pooecetes 1

Coturniculus jacchus 1

Ammodramus 1

Otocoris 1

Euphagus 1

Xanthocephalus 1

Petrophilus 2

Grus 1

Cypodocerus portoricensis 3

Astragalinus 1

Saguinus 1

Ornithodoros 1 dead

Buteo calurus 2

" *swansonii* 1

Thryothorus 5

Salpinctes 1 *Lagidors*

Cathartes 1 " "

Sept. 18 Camp, Las Tres Lagos Sept. 18 St. Johns Camp

Neotoma lepida 3
Peromyscus truei 1
 " *trivittatus* 1
Lepus arizonae 2
Citellus griseus 1, com
Perodipus bocchus in
Cynomys manicata "

Spilogale 2
Epizelus brevirostris abr
Amphispiza nevadensis a few
Zenaidura com
Sturnella neglecta 3

Sept. 18 St. Johns
 Camp, 3 mi below 5600 ft

Antilocapra a few
Neotoma lepida abr.
Rithrodontomys 3
Mus musculus 1
Lepus arizonae co
 " *trivittatus* 4
Thomomys hills 9
Perodipus bocchus 7
Citellus leucurus 9
Zapus 2
Neotoma trades

Zuni River

Oreamopterus 1
Oreamopsis 1
Epizelus brevirostris co
Otocoris " 1
Buteo b. calurus 4
 " *swainsoni* 2
Zenaidura com
Circus 1
Falco sparverius 1
Abroscus 1
Spilogale 1
Effigia 4

Sept. 19, St. Johns,

Atriplex canescens abr.
" confertifolia com
Populus, big leaf a few
Salix co
Swartzia "
Sacahuas grass abr.

Zuni Valley

Atriplex canescens abr.
" confertifolia "
Sarcobatus vermiculatus a few
Bigelovia
Gutierrezia
Juniperus monosperma
Salix
Sphedra blue
Skulla (petiolaris)
Artemisia filipendula
Opanthia small pod
Cylindropuntia low,
Croton
Cleome
Hibiscus
Hieracium
Ligustris canescens
" *hedges*
Gutierrezia
Eurotia lanata
to Zuni

Sept. 20, camp, Zuni R.

Antilocapra tracks
Annona scrub plots 1
Neotoma abigula co
" " bushy tail "
Oreochlamys 2
Pithecellobium 1
Perodipus abr.
Pseuophorus "
Lopara tigris co
" arizonas 4
Cynomys guineensis "
Canis latrans 5
" occidentalis 6
Faunulus " 7
Erythizon track & tail

Zuni R. at line

Peromyscus tenuis 1
Perodipus longimembra 1
Pseuophorus abr.
Fayebium 2
Holocnemus 1

Otocis californica

Citellus spilosoma 1 in
Mephitis track

Sept. 21, Corry's

Op. Caliente

Zuni +

Zuni Dam

Sept. 22, Camp

Pinus edulis

Juniperus monosperma

Bidens corymbosa, big,

" leafless

" dark green

Gutierrezia

" *Helianthella*"

Helianthus annuus

Artemesia filifolia

" *Tridactyla*"

Spiraea pallida

Atriplex canescens

Sedum spathulatum

Acacia

Crotalaria

Oenothera, small leaf,

" long

Dalea

Solanum blue,

Polygonum big leaf - a few

Oenothera biennis, - little,

Sept. 22, Zuni with

Pinus ponderosa, spruce

Artemesia tridentata abn

Yucca glauca

" *Decoda*

Forstiera

Bursera graveolens

Pinus ponderosa

Juniperus scopulorum

" var. *sparsa* abn

Pinus edulis

Urtica dioica carolinensis, 7 in

Zuni Valley

Attila grammurus 1
 Eutamia dorsalis 3
 Cynomys gunnisi 2
 Neotoma 2
 Onychomys Ward
 Thomomys 2
 Perodipus 1
 Perognathus 1 dead
 Lepus arizonae 2
 " texensis 1
 Salpingos young
 Canis lupus 1
 Taxidea 1
 Mephitis

Sept. 22, Orosi Mts.
 Colaptes rufus 13 car
 Dryobates villosus ³⁹³ 4
 Picoides 408 6
 Sitta pygmaea 730 2
 Sialia currucoides 767 1
 Epizilla carolinai 560 1
 " lucasi 562 1
 Salpinctes 715 3
 Myiochanes 754 4
 Chonocetes 480 1
 540 1
 Trochocetes 3376 1
 Buteo f. calurus 733a 1
 Buteo swainsoni 733a 1 few
 Bubo 375 Ward 1

Sept. 21 Birds

Chondestes 325
 Zenaidura 316
 Buteo 3376
 Aquila 1 in pin ³⁴⁹ & flying
 Bubo 375 few
 Falco sparverius 360
 Circus 321
 Corvus sinuatus 486 2
 Erythacus 510
 Lanius 622
 Tyrannus vauxi 2
 Sayornis saya 456
 Colaptes 1 few

Sept. 23 to Gallup

Sialia arctica ⁷⁶⁸ 3
 Coracodacus 519 2
 Pediocetes 744 4
 Dicrurus 702 2 few
 Oreocetes 592.1 "

Sept. 23 - 28 Gallup

Pinus edulis com
Juniperus monosperma "
" *sepolorum?*
Pinus ponderosa by a few mesas.
Buxus gambelii , a few
Rhus trilobata
Ribes cereum
Cowania merriana
Forestiera
Atriplex canescens
Salsobates
Eurotia lanata
Bigelovia
" *Gutierrezia*
Artemisia tridentata
Amaranthus, tumbleweed, few
Spiraea flat spec
" round "
Manzanita
Cirsus parviflorus? "

Gallup

<i>Cathartes aura</i>	325	com
<i>Dryobates</i>	393	1
<i>Alaudesimus</i>	408	H
<i>Tayornis sayi</i>	457	1
<i>Corvus sinuatus</i>	486	com.
<i>Cardiodacus</i>	519	hard
<i>Meleagris lindlini</i>	3	563
<i>Zonotrichia</i>	554	
<i>Epizilla</i>	560	
<i>Aphelocoma</i>	480	com
<i>Cyanocitta</i>	492	a few
<i>Pipilo maculonotus</i>	588	"
<i>Colaptes</i>	413	"
<i>Balophorus</i>	733	com
<i>Parus gambeli</i>	738	"
<i>Poaltriparus</i>	9	744
<i>Helminthophaga leucostoma</i>	646	"
<i>Polyoptila</i>	751	1
<i>Salpinctes</i>	715	"
<i>Sialia arctica</i>	768	"
" <i>bandi</i>	767	"
<i>Catherpes</i>	717	1
<i>Passer domesticus</i>	P.d.	com.
<i>Dendroica auduboni</i>	656	
<i>Myiolester</i>	754	
<i>Oroscoptes</i>	702	
<i>Amphispiza bilineata</i>	574.1	1

Gallup

Eulamia dorsalis
Citellus grammurus
Cynomys manicori
Perognathus truei
" *sororius*
" *texensis*
Neotoma abigens
" *longicaudus*
Perognathus
Perodipus
Thomomys fossoropacus
Lepus alleni
" *tepinis*
Cavia latrans
Taxidea

Sept. 27, Left Gallup

Rock Springs

Camp 2 mi w of Rock Sp.

Sept. 28. Camp 8:30

<i>Otocoris</i>	474
"	702
<i>Croscaptes</i>	574.1
<i>Anisognathus rodmani</i>	
<i>Spizella</i>	560
<i>Lanius</i>	622
<i>Colaptes</i>	413
<i>Dendroica townsendi</i>	656
<i>Quercusellus discors</i>	140
<i>Corvus sinuatus</i>	486

Sept. 30 Ft. Defiance

<i>Ides opacirostris</i>	360
<i>Coturnis sonatus</i>	413
<i>Cathartes aura</i>	519
<i>Spizella</i>	560
<i>Dendroica townsendi</i>	656
<i>Sialia arctica</i>	768
" <i>baerli</i>	767
<i>Chaptes</i>	413
<i>Cyanospiza</i>	492

Oct. 1. Chusca Mts.

<i>Buteo b. calurus</i>	1	
<i>Dryobates</i>	Cor	
<i>Cotopaxis</i>	"	
<i>Melanerpes f. bairdi</i>	3	
<i>Cyanocitta</i> a few flocks	Cor	
<i>Cyanocitta</i>	"	
<i>Turmes dorsalis</i>	"	
" <i>measni</i>	"	
<i>Sitta pygmaea</i>	"	
" <i>nelsoni</i>	"	
<i>Zonotrichia</i>	"	
<i>Dendroica auduboni</i>	"	
<i>Calundula</i> (<i>Regulus</i>)	"	
<i>Pasus gambeli</i>	"	
<i>Sialia arctica</i>	"	
" <i>rufa</i>	"	
<i>Spinus pinus</i>	1	Cor
<i>Myiarchus</i>	2	
<i>Aquila obscurus</i>	1	
<i>Corvus sinuatus</i>	2	
<i>Turmes caniceps</i>	Cor	
 <u>Oct. 2 9000 foot camp</u>		
<i>Metospiza bimaculata</i>	1 Cor	
<i>Trochocetes</i>	2	
<i>Pipilo fuscus</i>	1	
<i>Chondestes grammacus</i>	12	
<i>Querquedula discors</i>	20	
<i>Nettion carolinensis</i>	"	
<i>Falco americana</i>	"	

Chusca Mts. Oct. 1 -

<i>Pinus edulis</i>	SW.	-8000
<i>Juniperus scopulorum</i>	"	"
" <i>monosperma</i>	-7500	
<i>Pinus baccata</i>		-7000
 <i>Pinus ponderosa</i>	SW. NE.	6000-9000+ 7000-9000
<i>Pseudotsuga</i>	NE	" - "
<i>Quercus gambelii</i>	"	" - "
<i>Cercocarpus pacificus</i> , big leaf ⁵⁰⁰⁰ over		
<i>Arctostaphylos uva ursa</i>		8000-9000
<i>Rubus idaeus</i>	" - "	
<i>Yucca angustifolia?</i>		7000-8500
<i>Rosa</i>		
<i>Ceanothus</i>	NE	7000-9000
<i>Amelanchier</i>		8000
<i>Prunus pensylvanica</i>		"

<i>Populus tremuloides</i>	NE.	8500-9000
<i>Abies concolor?</i>	"	"
<i>Lepidium canadensis</i>	"	"
<i>Juniperus communis</i>	"	"
<i>Picea pungens</i>		
<i>Rubus muthorum</i>		
" <i>strigosus</i>		
<i>Symplocarpus</i>		
<i>Salix</i>		
<i>Potentilla pratensis</i>		

Oct. 6. Chuscar mts.
Left camp at 1 P.M.

Camped at trail crossing
of range about 12 mi N

Oct. 7. Continued north to big
canyon where road crosses range
and camped on rim of mesa.
Came about 10 mi.

Oct. 8. Crossed over to range
north of road & up to peaks.
& back to camp at Turkey Lake

Oct. 7, North end of range
Pinus ponderosa
Psuedotsuga
Quercus gambelii
Arctostaphylos uva-ursa
Crataegus
Rosa
Berberis repens
Chionanthus
Fragaria glauca
Frasera speciosa
Pteris aquilina
Rubus cereum
Prunus, chokeberry
Yucca stricta?
Picea pungens
Abies arizonica
Amuris
Populus tremuloides
Acer glabrum
Sambucus
Salix
Manninalacea

Oct. 7 Chusca Mts. N. End

<i>Meleagris</i> <i>merriami</i>	co
<i>Anas</i> <i>baesa</i>	4
<i>Julia</i> <i>americana</i>	1
<i>Ardea</i> <i>herodias</i>	1
<i>Aquila</i>	3
<i>Buteo</i> <i>borealis</i>	2
<i>Accipiter</i> <i>velox</i>	1
<i>Circus</i>	1
<i>Bubo</i>	heard
<i>Turco</i> <i>dorsalis</i>	co
" <i>meursi</i>	"
" <i>caniceps</i> ?	"
<i>Milospiza</i> <i>montana</i>	1
" <i>lincolni</i>	co
<i>Zonotrichia</i>	"
<i>Cyanocitta</i>	"
<i>Cyanoccephalus</i>	"
<i>Oryzobates</i> <i>hylocopterus</i>	"
<i>Sphyrapicus</i> <i>nuchalis</i>	2
<i>Colaptes</i>	co
<i>Parus</i> <i>gambeli</i>	"
<i>Dendroica</i> <i>auduboni</i>	"
<i>Regulus</i> <i>calendula</i>	"
<i>Salpinctes</i>	2
<i>Meleagris</i>	2
<i>Regulus</i> <i>calendula</i>	heard
<i>Sialia</i> <i>bairdi</i>	co
" <i>arctica</i>	"
<i>Corvus</i> <i>sinuatus</i>	"
<i>Sitta</i> <i>nelsoni</i> + <i>pygmaea</i>	"
<i>Antroto</i> <i>ludo</i>	12

Chusca mts.

<i>Odocoileus</i> - no trace	
<i>Sciurus</i> <i>aberti</i>	co
" <i>woogolloneus</i>	"
<i>Eutamias</i> <i>quadrivittatus</i>	"
<i>Peromyscus</i> <i>opimus</i>	1
<i>Calomysmus</i> <i>geminoris</i>	co
<i>Citellus</i> <i>grammurus</i> , in canyon	"
<i>Neotoma</i> <i>fallax</i>	co
<i>Peromyscus</i> <i>rufinus</i>	6-
"	
<i>Microtus</i> <i>wardax</i>	"
<i>Thomomys</i> <i>fuscus</i>	"
" <i>apache</i>	"
" <i>auratus</i>	"
<i>Perodipus</i> : in canyon	
<i>Lepus</i> <i>robustus</i>	7000-9000
<i>Erethizon</i>	3 sp. co
<i>Cainus</i> <i>latrans</i>	co
<i>Urocyon</i>	
<i>Urocyon</i>	
<i>Felis</i> ?	
<i>Canis</i> <i>oculatus</i>	tracks
<i>Ursus</i> <i>americanus</i>	"
<i>Taxidea</i>	" co
<i>Neofiber</i>	" in canyon
<i>Thomomys</i>	" caught
<i>Thomomys</i>	" caught

J.W. Pinkerton Jr.
Silver City,
Pablo Obieta, c/o Whitney Co.
Albuquerque
W.P. Birchfield, Hatchita
Gray Ranch Δ

Walter Birchfield, Hatchita
Mrs. Victoria Land & Otto C.
 Δ relatives

S.W. Ruebush, Denver
Felix Mapes, Hatchita
Wm. Lawrence " "
2 prints of branding.

Chas. Spear, Hatchita
wants circulars for P.D. & goyders etc
(H.L. Benham, Denver
Care Forest Service, P.D. hunter
Coddington, Sheriff at
Gallup, Δ 2 horses)

Prof. E.O. Wooton, Mississ. Park.
New Mex, College of Agrt.

Clay Hunter, Springerville
Photographer & Hunter

Mr. Martin, Supervisor, Springerville, Ariz.
Mr. Eaton, Asst. Sup. " "
J.B. Moore, Crystal, N.M.
Wm. Hamby, Riserot.

Sub. Quibbush

Denver

Wyo. and

Wyoming, Maswad

Rept. M. 73-55 1829

Photos for 7 lamps

Men, woman with robes

Cowboy with chaps & hat

Pack saddle

~~Water bag~~

Sheep, sheepskin

~~Single pole tent~~

Santa Fe Trail

Prairie schooner

Chaps

Threshing with goats

Jack Rabbits, ears up

Goats in trees

Plow, irrigating
+ on tree trunk

Pelorus & Dawson

Fires

Team Allison Ariz.
Trot & Game Comr.

Anthony Long

Springfield's primary
point of dk horses, 1872

Charley Fox
Nasua

- 1908 -											
	S	M	T	W	T	F	S		S	M	T
April	1	2	3	4	5	6	7	8	9	10	11
	12	13	14	15	16	17	18	19	20	21	22
	20	21	22	23	24	25	26	27	28	29	30
	27	28	29	30	......	...	...	...	...	...	...
May	1	2	3	4	5	6	7	8	9	10	11
	12	13	14	15	16	17	18	19	20	21	22
	19	20	21	22	23	24	25	26	27	28	29
	26	27	28	29	30	31	...	...	...	...	...
June	1	2	3	4	5	6	7	8	9	10	11
	12	13	14	15	16	17	18	19	20	21	22
	19	20	21	22	23	24	25	26	27	28	29
	26	27	28	29	30	31	...	...	...	...	...
July	1	2	3	4	5	6	7	8	9	10	11
	12	13	14	15	16	17	18	19	20	21	22
	19	20	21	22	23	24	25	26	27	28	29
	26	27	28	29	30	31	...	...	...	...	...
August	1	2	3	4	5	6	7	8	9	10	11
	12	13	14	15	16	17	18	19	20	21	22
	19	20	21	22	23	24	25	26	27	28	29
	26	27	28	29	30	31	...	...	...	...	...
September	1	2	3	4	5	6	7	8	9	10	11
	12	13	14	15	16	17	18	19	20	21	22
	19	20	21	22	23	24	25	26	27	28	29
	26	27	28	29	30	31	...	...	...	...	...
October	1	2	3	4	5	6	7	8	9	10	11
	12	13	14	15	16	17	18	19	20	21	22
	18	19	20	21	22	23	24	25	26	27	28
	25	26	27	28	29	30	31	...	...	...	...
November	1	2	3	4	5	6	7	8	9	10	11
	12	13	14	15	16	17	18	19	20	21	22
	15	16	17	18	19	20	21	22	23	24	25
	22	23	24	25	26	27	28	29	30	31	...
December	1	2	3	4	5	6	7	8	9	10	11
	12	13	14	15	16	17	18	19	20	21	22
	19	20	21	22	23	24	25	26	27	28	29
	27	28	29	30	31	...	...	...	...	...	...

Colcord

